

FE190

WIRE DRAG

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WIRE DRAG

Diagram No. 1212-2

NOAA FORM 76-35A

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

DESCRIPTIVE REPORT

(HYDROGRAPHIC)

Type of Survey Wire Drag

Field No. S.P.-1-63

Office No. FE-190WD

LOCALITY

State Connecticut

General Locality Long Island Sound

Locality Falkner Island

1963

CHIEF OF PARTY
E.K. McCaffrey

LIBRARY & ARCHIVES

DATE October 25, 1963

☆ U.S. GOV. PRINTING OFFICE: 1978-666-172

NOTE: A new system for registering Field Examinations (FE's) was established in 1980. All FE's are now consecutively numbered as shown hereon. The date shown in the new format is the actual date of survey. This material was previously registered as;

FE No.4 1963

F E No. 4 1963 WIRE DRAG

FE-190WD

Diag. Cht. No. 1212-2.

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	Wire Drag
Field No. S.P. 1-63	Office No. F.E. No. 4, 1963 (1963)
LOCALITY	
State	Connecticut
General locality	Long Island Sound
Locality	Falkner Island
19 63	
CHIEF OF PARTY	
E. K. McCaffrey	
LIBRARY & ARCHIVES	
DATE	October 25, 1963

USCOMM-DC 5087

See L-650/63

F E No. 4
1963
WIRE DRAG

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

HYDROGRAPHIC TITLE SHEET

The Hydrographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

REGISTER No. F.E.No.4-1963

Field No. S.P. 1-63

State Connecticut

General locality Long Island Sound

Locality Falkner Island

Scale 1:20,000 Date of survey 27 April - 13 May 1963

Instructions dated 3/19/63

Vessel WAINWRIGHT & HILGARD

Chief of party E. K. McCaffrey

Surveyed by E.K. McCaffrey & J.S. Midgley

Soundings taken by fathometer, graphic recorder, hand lead, wire None

Fathograms scaled by _____

Fathograms checked by _____

Protracted by Ship's Officers

Soundings penciled by _____

Clearance depths in
Soundings in ~~fathoms~~ feet at MLW ~~MLLW~~

REMARKS: Visual Control

UNITED STATES GOVERNMENT

Memorandum

TO : The Director
Coast & Geodetic Survey

DATE: 7/29/63

FROM : Commanding Officer
USC&GS Ships WAINWRIGHT & HILGARD
% General Delivery, Fairhaven, Mass.

SUBJECT: REPORT, SPECIAL PROJECT 1-63, - SUBMERGED OBJECT SOUTH
OF FALKNER LIGHT, LONG ISLAND SOUND.

REFERENCE: (a) Instructions - Special Project 1-63, Hydrographic
and Wire Drag Investigations. 2100 B-pt, S-2-W&H
dated 3/19/63
(b) Preliminary Report, Special Project 1-63, Obstruction
South of Falkner Light, Long Island Sound from
this Command, dated 5/16/63
(c) H.O. Notice to Mariners No. 1085, 9/63
H.O. Notice to Mariners No. 3561, 28/63

In accordance with the above referenced instructions a wire drag investigation was completed over the site of subject obstruction. The position of the charted obstruction and an area of one (1) mile radius about this point was cleared to fifty-two (52) feet or greater using tide reducers from inferred hourly heights furnished by the Washington Office from the standard gage at New London, Conn.

A wire-drag smooth sheet overlay (chart 216) is enclosed. A list of signals used for position control is also attached.

No obstructions, or hangs, were found in the 5.6 square miles dragged. It is recommended that the charted obstruction be deleted from this area. (See reference number 4)

Edwin K. McCaffrey
Edwin K. McCaffrey

DWC/jrb

Encl.: Overlay of subj. area
List of signals

L I S T O F S I G N A L S

TRIANGULATION:

<u>Signal Name</u>	<u>Source</u>
PIP	Guilford, Standpipe, 1933
MAD	Madison Congregational Church tower, 1882
WEST	Westbrook tank, 1934
FAL	Falkner Island lighthouse, 1882 - 1932

CHARTED OBJECT:

HAM	Tank, Hammonasset Point
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TIDE NOTE FOR HYDROGRAPHIC SHEET

December 16, 1963

Nautical Chart Division: R. H. Carstens

Plane of reference approved in
2 volumes of sounding records for

HYDROGRAPHIC SHEET FE NO. 4 1963

Locality Falkner Island, Connecticut

Chief of Party: E. K. McCaffrey (1963)

Plane of reference is mean low water reading

ft. on tide staff at

ft. below B. M.

Height of mean high water above plane of reference is: 5.4 ft.

Condition of records satisfactory except as noted below:


Chief, Tides and Currents Branch

[illegible]

Hydrographic Surveys (Chart Division)

HYDROGRAPHIC SURVEY NO. *F.F. NO. 4-1963 W.D.*

Records accompanying survey:

Smooth sheets *0*.....;boat sheets *0*.....; sounding vols. *0*.....; wire drag vols. *2*.....;Descriptive Reports *1*.....; graphic recorder envelopes *0*.....;special reports, etc. *1. Liner overlay of effective depths*.....

The following statistics will be submitted with the cartographer's report on the sheet:

Number of positions on sheet *82*.....Number of positions checked *37*.....Number of positions revised *0*.....Number of soundings revised
(refers to depth only) *0*.....Number of soundings erroneously spaced *0*.....Number of signals erroneously plotted
or transferred *0*.....Topographic details Time *0*.....Junctions Time *0*.....Verification of soundings from
graphic record Time *0*.....Special adjustments Time *0*.....Verification by *Heheadon Radda*..... Total time *33 hrs* Date *11-8-63*Reviewed by *Heheadon Radda*..... Time *8*..... Date *11-12-63*

FIELD EXAMINATION NO. 4, 1963
CONNECTICUT, LONG ISLAND SOUND, FALKNER ISLAND

The field examination was made in compliance with Instructions for Special Project 1-63, dated 19 March 1963.

The purpose of the examination was to determine the position and establish the least depth over a reported obstruction. The position of the reported obstruction was 2.2 miles, 152 degrees true from Falkner Light, and originates with LN to Mariners 3, 1963. The area dragged is shown on an accompanying wire-drag smooth sheet overlay.

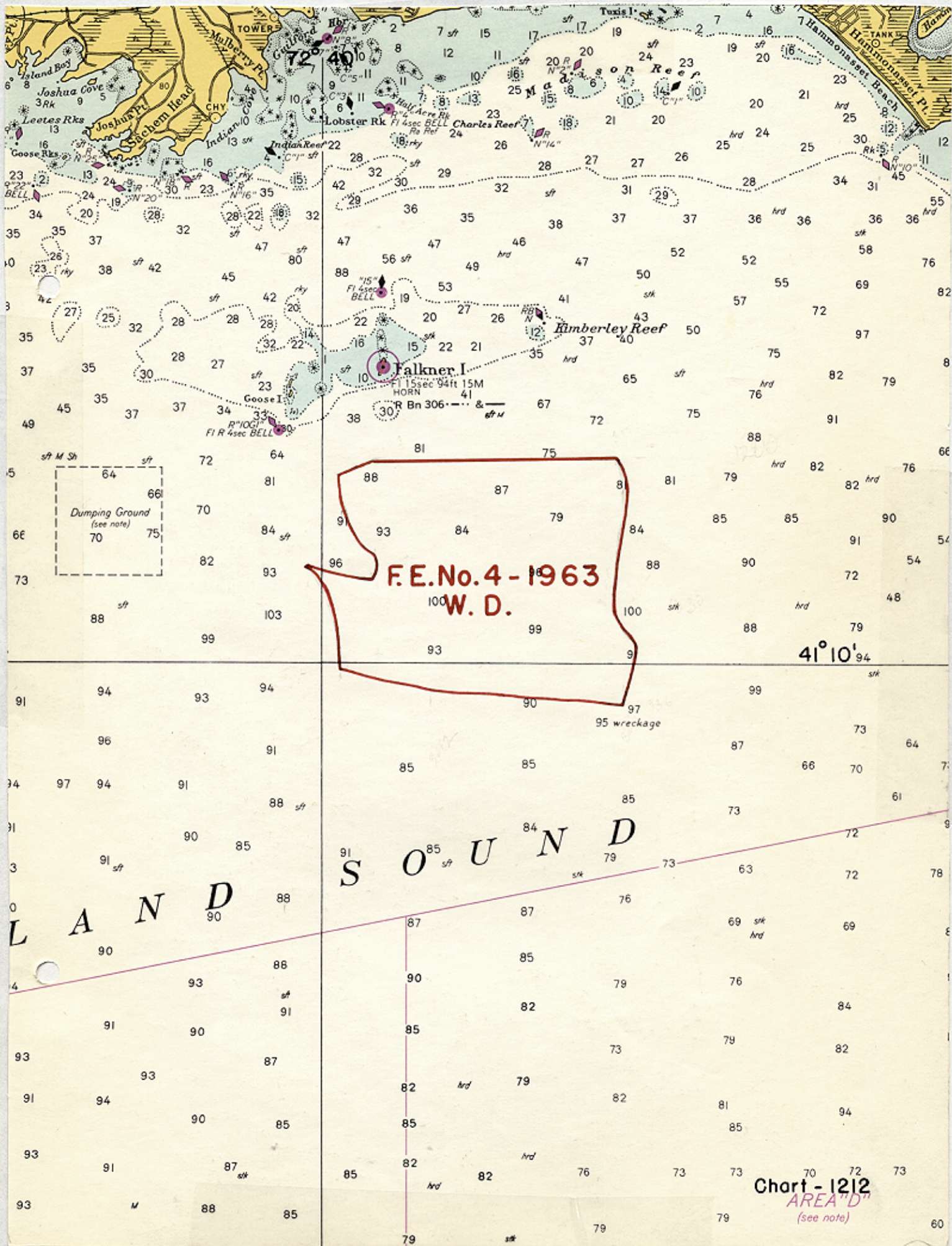
The area of the reported position was cleared to 52 ft. on the present survey. The obstruction should be considered non-existent at the reported position.

A comparison between the field examination and chart 1212, dated July 29, 1963, reveals no conflicts with the charted hydrography.

The Descriptive Report adequately covers supplementary information pertaining to this examination and no further discussion is considered necessary.

Reviewed by: H. Radden
11/11/63

Inspected by R. H. Carstens



RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. F.E.No.4-1963 W.D.

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

[illegible]